



References

- Agus, M.S. and Jaksic, T. (2002):** Nutritional support of the critically ill child. *Curr Opin Pediatr*; 14: 470-481.
- Alexander HR, Doherty GM, Fraker DL, Block MI, Swedenborg JE, Norton JA.(1991):** Human recombinant interleukin-1 alpha protection against the lethality of endotoxin and experimental sepsis in mice. *J Surg Res.* May;50(5):421–424. [PubMed]
- Alghamdi, Dalton MI, Phillis WT, . Rosato E. B. Mallon JE(2006):** Pediatric sepsis and multiple organ dysfunction syndrome. *Curr Opin Pediatr*; 13: 247-253.
- Angus, D.C.; Linde-Zwirble, W.T.; Lidicker, J.; Clermont, G.; Carcillo, J. and Pinsky, M.R. (2001):** Epidemiology of severe sepsis in the United States: analysis of incidence, outcome, and associated costs of care. *Crit Care Med*; 29: 1303-1310.
- Arnold, J.H.; Anas, N.G.; Lockett, P. et al., (2000):** High-frequency oscillatory ventilation in pediatric respiratory failure: A multicenter experience. *Crit Care Med*; 28: 3913-19.
- Astiz ME, Rackow EC, Falk JL, Kaufman BS, Weil MH. (1987)** Oxygen delivery and consumption in patients with hyperdynamic septic shock. *Crit Care Med.* Jan;15(1):26–28. [PubMed]



References

Baker, S.P. and O'Neill, B. (1976): The injury severity score an update.
J. Trauma. 16: 882-885.

Baker, S.P. and O'Neill, B. (1976): The injury severity score: an update.
J Trauma. 16: 882-885.

Barton RW, Rothlein R, Ksiazek J, Kennedy C.(1989): The effect of anti-intercellular adhesion molecule-1 on phorbol-ester-induced rabbit lung inflammation. J Immunol. Aug 15;143(4):1278–1282. [PubMed]

Baue AE. (1975): Multiple, progressive, or sequential systems failure. A syndrome of the 1970s. Arch Surg. 1975 Jul;110(7):779–781. [PubMed]

Ben Abraham, R.; Toren, A.; Ono, N. et al.; (2002): Predictors of outcome in the pediatric intensive care units of children with malignancies. J Pediatr Hematol Oncol; 24: 23-26.

Berg RD, Garlington AW.(1979): Translocation of certain indigenous bacteria from the gastrointestinal tract to the mesenteric lymph nodes and other organs in a gnotobiotic mouse model. Infect Immun. Feb;23(2):403–411. [PMC free article] [PubMed]

Biolo, G.; Toglio, G.; Ciocchi, B.; Situlin, R.; Iscra, F. and Gullo, A. (1997): Metabolic response to injury and sepsis: changes in protein metabolism. Nutrition; 13(suppl): 52S-57S.

Bone RC, Fisher CJ, Jr, Clemmer TP, Slotman GJ, Metz CA, Balk RA. (1987):A controlled clinical trial of high-dose



References

methylprednisolone in the treatment of severe sepsis and septic shock. *N Engl J Med.* Sep 10;317(11):653–658. [PubMed]

Bone RC.(1991): Let's agree on terminology: definitions of sepsis. *Crit Care Med.* Jul;19(7):973–976. [PubMed]

Bone, R.C. (1996): Immunologic dissonance: A continuing evolution in our understanding of the systemic inflammatory response syndrome (SIRS) and multiple organ dysfunction syndrome (MODS). *Ann Intern Med*; 125: 680-687.

Bone, R.C.; Balk, R.A.; Cerra, F.B. et al.; (1992): Definitions for sepsis and organ failure and guidelines for the use of innovative therapies in sepsis: The ACCP/SCCM Consensus Conference Committee. American College of Chest Physicians/Society of Critical Care Medicine. *Chest*; 101: 1644-1655.

Border JR, Hassett J, LaDuca J, Seibel R, Steinberg S, Mills B, Losi P, Border D.(1987): The gut origin septic states in blunt multiple trauma (ISS = 40) in the ICU. *Ann Surg.* Oct;206(4):427–448. [PMC free article] [PubMed]

Border JR. (1988)Hypothesis: sepsis, multiple systems organ failure, and the macrophage. *Arch Surg.* Mar;123(3):285–286. [PubMed]

Bosson S, Kuenzig M, Schwartz SI. Verapamil improves cardiac function and increases survival in canine E.coli endotoxin shock. Circ Shock. ;16(3):307–316. [PubMed]



- Brady, A.R.; Harrison, D.; Black, S.; et al., (2006):** Assessment and optimization of mortality prediction tools for admissions to pediatric intensive care in the United Kingdom. *Pediatrics*. 117: e733-e742.
- Brilli, R.J. and Goldstein, B.(2005):** Pediatric sepsis definitions: Past, present and future. *Pediatr Crit Care Med*; 6: S6-8.
- Bunt TJ.(1986):** Non-directed relaparotomy for intra-abdominal sepsis. A futile procedure. *Am Surg*. Jun;52(6):294–298. [PubMed]
- Capes, S.E.; Hunt, D.; Malmberg, K.; Pathak, P. and Gerstein, H.C. (2001):** Stress hyperglycemia and prognosis of stroke in nondiabetic and diabetic patients: a systematic overview. *Stroke*; 32: 2426-32.
- Carcillo, J.A. (2003):** Pediatric septic shock and multiple organ failure. *Crit Care Clin*; 19: 413-440.
- Carlos TM, Harlan JM.(1990):** Membrane proteins involved in phagocyte adherence to endothelium. *Immunol Rev*. Apr;114:5–28. [PubMed]
- Carroll, C.L.; Sekaran, A.K.; Lerer, T.J. and Schramm, C.M. (2005):** A modified pulmonary index score with predictive value for pediatric asthma exacerbations. *Ann Allergy Asthma Immunol*, 94: 355-359.
- Cartwright, K. and Kroll, S. (1997):** Optimising the investigation of meningococcal disease. *PMI*; 315: 757-758.



References

- Castellanos-Ortega, A. and Delgado-Rodriguez, M. (2000):** Comparison of the performance of two general and three specific scoring systems for meningococcal septic shock in children. *Crit Care Med* ; 28: 2967-2973.
- Cerra FB, McPherson JP, Konstantinides FN, Konstantinides NN, Teasley KM.(1988):** Enteral nutrition does not prevent multiple organ failure syndrome (MOFS) after sepsis. *Surgery. Oct;104(4):727–733. [PubMed]*
- Cerra FB.(1987):** Hypermetabolism, organ failure, and metabolic support. *Surgery. Jan;101(1):1–14. [PubMed]*
- Chameides, L. (1990):** Textbook of pediatric advanced life support. Hartford. CT American Heart Association American Academy of Pediatrics; 14: 126-131.
- Champion, H.R.; Copes, W.S. and Sacco, W.J. et al., (1990):** The Major trauma outcome study: establishing national normal for trauma care. *J Trauma. 30: 1356-1365.*
- Champion, H.R.; Copes, W.S.; Sacco, W.J. et al., (1990):** A new characterization of injury severity. *J Trauma. 30: 539-545.*
- Chiu CJ, McArdle AH, Brown R, Scott HJ, Gurd FN.(1970):** Intestinal mucosal lesion in low-flow states. I. A morphological, hemodynamic, and metabolic reappraisal. *Arch Surg. Oct;101(4):478–483. [PubMed]*
- Choi, K.M.S.; Ng, D.K.; Wong, S.F.; Kwok, K.L.; Chow, P.Y.; Chan, C.H. and Ho, J.C.S. (2005):** Assessment of the pediatric index



References

of mortality (PIM) and the pediatric risk of mortality (PRISM) III score for prediction of mortality in a pediatric intensive care unit in Hong Kong. *Hong Kong Med J*. 11:97-103.

Creteur, J. (2006): Gastric and sublingual capnometry. *Curr Opin Crit Care*. Jun; 12(3): 272-277.

Crump JM, Duncan DA, Wears R.(1988): Analysis of multiple organ system failure in trauma and nontrauma patients. *Am Surg*.8 Dec;54(12):702–708. [PubMed]

DeCamp MM, Demling RH.(1988): Posttraumatic multisystem organ failure. *JAMA*. Jul 22;260(4):530–534. [PubMed]

Deitch EA, Ma L, Ma WJ, Grisham MB, Granger DN, Specian RD, Berg RD.(1989): Inhibition of endotoxin-induced bacterial translocation in mice. *J Clin Invest*. Jul;84(1):36–42.[PMC free article] [PubMed]

Deitch EA.(1989): Simple intestinal obstruction causes bacterial translocation in man. *Arch Surg*; 124: 699-701.

Despond, O.; Proulx, F.; Carcillo, J.A. and Lacroix, J. (2001): Pediatric sepsis and multiple organ dysfunction syndrome. *Curr Opin Pediatr*; 13: 247-253.

Dhainaut JF, Laterre PF, Janes JM, et al. (2003). "Drotrecogin alfa (activated) in the treatment of severe sepsis patients with multiple-organ dysfunction: data from the PROWESS trial". *Intensive Care Med* 29 (6): 894–903. doi:10.1007/s00134-003-1731-1. PMID 12712239



References

Dominguez, T.E. and Huh, S.W. (2005): Do we need another pediatric severity of illness score? Crit care Med: 33: 2043-45.

Downes, J.J. (1992): The historical evolution, current status, and prospective development of pediatric critical care. Crit Care Clin; 8: 1-22.

Evans DA, Jacobs DO, Revhaug A, Wilmore DW.(1989): The effects of tumor necrosis factor and their selective inhibition by ibuprofen. Ann Surg. Mar;209(3):312–321. [PMC free article][PubMed]

Faist E, Baue AE, Dittmer H, Heberer G.(1983): Multiple organ failure in polytrauma patients. J Trauma. Sep;23(9):775–787. [PubMed]

Faist E, Markewitz A, Fuchs D, Lang S, Zarius S, Schildberg FW, Wachter H, Reichart B.(1991): Immunomodulatory therapy with thymopentin and indomethacin. Successful restoration of interleukin-2 synthesis in patients undergoing major surgery. Ann Surg. Sep;214(3):264–275. [PMC free article] [PubMed]

Faist E, Mewes A, Strasser T, Walz A, Alkan S, Baker C, Ertel W, Heberer G.(1988): Alteration of monocyte function following major injury. Arch Surg. Mar;123(3):287–292. [PubMed]

Fargason, C.A. and Langman, C.B. (1993): Limitations of the pediatric risk of mortality score in assessing children with acute renal failure. Pdiatr Nephrol; 7: 703-707.



References

- Fasano MB, Cousart S, Neal S, McCall CE.(1991):** Increased expression of the interleukin 1 receptor on blood neutrophils of humans with the sepsis syndrome. J Clin Invest. Nov;88(5):1452–1459. [PMC free article] [PubMed]
- Fiser, D.H.; Long, N.; Roberson, P.K.; Hefley, G.; Zolten, K.; Brodie-Fowler, M. (2000):** Relationship of pediatric overall performance category and pediatric cerebral performance category scores at pediatric intensive care unit discharge with outcome measures collected at hospital discharge and 1- and 6-month follow-up assessments. Crit Care Med. 28: 2616-2620.
- Fiser, D.H.; Tilford, J.M. and Roberson, P.K. (2000):** Relationship of illness severity and length of stay to functional outcomes in the pediatric intensive care unit: a multi-institutional study. Crit care Med. 28: 1173-1179.
- Flaegstad, T.; Kaaresen, P.I.; Stoklnd, T. and Gutteberg, T.(1995):** Factors associated with fatal outcome in childhood meningococcal disease. Acta paediatr. 84: 137-1142.
- Fleming, T.R. and DeMets, D.L. (1996):** Surrogate end points in clinical trials: Are we being misled? Ann Intern Med; 125: 605-613.
- Fletcher JR, DiSimone AG, Earnest MA.(1990):** Platelet activating factor receptor antagonist improves survival and attenuates eicosanoid release in severe endotoxemia. Ann Surg. Mar;211(3):312–316. [PMC free article] [PubMed]
- Fletcher, J. (1987):** Stress management intensive care. Nurs. 1987; 3(2): 56-60.



References

- Fong Y, Moldawer LL, Shires GT, Lowry SF.(1990):** The biologic characteristics of cytokines and their implication in surgical injury. Surg Gynecol Obstet. Apr;170(4):363–378. [PubMed]
- Fong Y, Tracey KJ, Moldawer LL, Hesse DG, Manogue KB, Kenney JS, Lee AT, Kuo GC, Allison AC, Lowry SF, et al.(1989):** Antibodies to cachectin/tumor necrosis factor reduce interleukin 1 beta and interleukin 6 appearance during lethal bacteremia. J Exp Med. Nov 1;170(5):1627–1633. [PMC free article] [PubMed]
- Frankel, L.R. (2004):** Pediatric critical care: Nelson textbook of pediatrics. 17: 268-269.
- Fry DE, Pearlstein L, Fulton RL, Polk HC.(1980):** Jr Multiple system organ failure. The role of uncontrolled infection. Arch Surg. Feb;115(2):136–140. [PubMed]
- Fry, D. (1992):** Multiple system organ failure. Donald Fry (Ed). St. Louis, Mosby Year Book, pp 3-14.
- Garcia, P.C.R.; Eulmesckiam, P.; Sffogia, A.; Perez, A.; Bran, C.O.; RG and Piva, J.P. (2006):** Tasker: RC limitation in pediatric logistic organ dysfunction score. Lancet 6: 368: 1151.
- Gill, M.; Martens, K.; Lynch, E.L.; Salih, A. and Green, S.M. (2007):** Interrater reliability of 3 simplified neurologic scales applied to adults presenting to the emergency department with altered levels of consciousness. Ann emergy Med; 49: 403-07.



Goh, C. H., Bressan, S., Madnick, S. E., and Siegel, M. D.(1999):
“Context Interchange: New Features and Formalisms for the
Intelligent Integration of Information,” *ACM Trans. on Office
Information Systems*, pp 270-293.

Gonzalez-Luis, G.; Pons, M.; Cambra, F.J. et al., (2001): Use of the
Pediatric Risk of Mortality Score as predictor of death and
serious neurologic damage in children after submersion.
Pediatr Emerg Care; 17: 405-409.

Goris RJ, Gimbrère JS, van Niekerk JL, Schoots FJ, Booy LH.(1982):
Early osteosynthesis and prophylactic mechanical ventilation
in the multitrauma patient. *J Trauma*. Nov;22(11):895–
903. [PubMed]

Goris RJ, te Boekhorst TP, Nuytinck JK, Gimbrère JS.(1985): Multiple-
organ failure. Generalized autodestructive inflammation?
Arch Surg. Oct; 120 (10): 1109–1115. [PubMed]

**Graciano, A.;L Balko, J.A.; Rahn, D.S.; Ahmad, N. and Giroir, B.P.
(2005):** The pediatric multiple organ dysfunction score (P-
MODS): Development and validation of an objective scale to
measure the severity of multiple organ dysfunction in critically
ill children. *Crit Care Med*. 77; 1484-1491.

Green, A.; Christian Hirsch, N. and Pramming, S.K. (2003): The
changing world demography of type 2 diabetes. *Diabetes
Metab Res Rev*; 19: 3-7.

**Greenman RL, Schein RM, Martin MA, Wenzel RP, MacIntyre NR,
Emmanuel G, Chmel H, Kohler RB, McCarthy M, Plouffe**



References

- J, et al.(1991):** A controlled clinical trial of E5 murine monoclonal IgM antibody to endotoxin in the treatment of gram-negative sepsis. The XOMA Sepsis Study Group. JAMA. Aug 28;266(8):1097–1102. [PubMed]
- Guthrie LA, McPhail LC, Henson PM, Johnston RB.(1984):** Jr Priming of neutrophils for enhanced release of oxygen metabolites by bacterial lipopolysaccharide. Evidence for increased activity of the superoxide-producing enzyme. J Exp Med. Dec 1;160(6):1656–1671.[PMC free article] [PubMed]
- Hallstrom, A. and Cobb, L. (2000):** Cardiopulmonary resuscitation by chest compression alone or with mouth-to-mouth ventilation. N Engl J Med; 342: 1546-53.
- Hannam, E.L.; Farrell, L.S.; Meaker, P.S. and Cooper, A. (2000):** Predicting inpatient mortality for pediatric trauma patients with blunt injuries. A better alternative. J pediatr surg; 35: 155-59.
- Hayden, W.R. (1994):** Sepsis terminology in pediatrics. J Pediatr; 124: 657-658.
- Hazinski, M.F. (1999):** Analgesia, sedation and neuromuscular Blockade in pediatric critical care: Manual of pediatric critical care 4: 44-73.
- Hazinski, M.F. (1999):** Psychosocial aspect of pediatric critical care: Manual of pediatric critical care 4: 14-44.
- Heard SO, Fink MP, Cerra FB(2006):** The multiple organ dysfunction syndrome. In Rippe JM, Irwin RS, Fink MP, et al (eds):



References

Intensive Care Medicine, ed 13. Boston, Little, Brown and Co., pp 2137-2162

-Hesse DG, Tracey KJ, Fong Y, Manogue KR, Palladino MA, Jr, Cerami A, Shires GT, Lowry SF.(1988): Cytokine appearance in human endotoxemia and primate bacteremia. Surg Gynecol Obstet. Feb;166(2):147–153. [PubMed]

Hesse DG, Tracey KJ, Fong Y, Manogue KR, Palladino MA, Jr, Cerami A, Shires GT, Lowry SF.(1988): Cytokine appearance in human endotoxemia and primate bacteremia. Surg Gynecol Obstet. Feb; 166 (2) : 147–153. [PubMed]

Hinshaw, L(1996): Sepsis/septic shock: Participation of the microcirculation. An abbreviated review. Crit Care Med 24: 1072-1078.

Horowitz, L.; Kassam-Adams, N. and Bergstein, J. (2001): Mental health aspects of emergency medical services for children: Summary of a consensus conference. Acad Emerg Med 8: 1187-96.

Hulst, J.; Joosten, K.; Ziommermann, L.; Hop, W.; Van Buuren, S.; Bqller, H. et al., (2004): Malnutrition in critically ill children: from admission to 6 months after discharge. Clin Nutr 23: 223-232.

Jafari, H. McCracken, G. Jr (1992): Sepsis and septic shock: a review for clinicians. Pediatr Infect Dis J 11: 739-749.



References

- Janssens, U.; Graf, C.; Graf, J.; et al., (2000):** Evaluation of the SOFA score: a single centre experience of a medical intensive care unit in 303 consecutive patients with predominantly cardiovascular disorders. *Intensive Care Med*; 26: 1037- 45.
- Jeremiah ZA, Oburu Je (2010):** Pattern and prevalence of neonatal thrombocytopenia in Port Harcourt, Nigeria. *Pathology and Laboratory Medicine International* 2: 27-31.
- Kabay B, Kocaeffe C, Baykal A, et al. (2007).** "Interleukin-10 gene transfer: prevention of multiple organ injury in a murine cecal ligation and puncture model of sepsis". *World J Surg* 31 (1): 105–15. doi: 10.1007/ s00268 -006 -0066 -9. PMID 17171483.
- Kaufmann, C.R.; Maier, R.V.; Rivare, F.P. and Carrico, C.J. (1990):** Evaluation of the pediatric trauma score. *JAMA*. 263: 69-72.
- Keren, H.; Burkhoff, D. and Squara, P. (2007):** Evaluation of a noninvasive continuous cardiac output monitoring system based on thoracic bioreactance. *Am J Physiol Heart Circ Physiol*. Jul; 293(1): H 583-589.
- Kern, K. and Halperin, H.R. (2001):** New guidelines for cardiopulmonary resuscitation and emergency cardiac care. *JAMA*; 285: 1267-69.
- Kinsella, J.P.; Neish, S.R. and Dunbar, I.D. (1993):** Clinical responses to prolonged treatment of persistent pulmonary hypertension of the newborn with low doses of inhaled nitric oxide. *J Pediatr*; 123: 103-108.



References

- Kirkham, F.J.; Newton, C.R. and Whitehouse, W. (2008):** Pediatric coma scales. *Developmental medicine & child neurology*, 50: 267-274.
- Kong, A.; Barnett, G.O.; Mosteller, F.; et al., (1986):** How medical professionals evaluate expressions of probability. *N Engl J Med* 315: 740-744.
- Krafte-Jacobs, B. and Pollack, M. (1994):** Multiple organ system failure in children. *Crit Care Med*; 22: 903-904.
- Kudsk KA, Stone JM, Carpenter G, Sheldon GF.(1983):** Enteral and parenteral feeding influences mortality after hemoglobin-E. coli peritonitis in normal rats. *J Trauma*. Jul; 23(7):605–609. [PubMed]
- Kumar, N.; Thomas, N.; Singhal, D.; Puliyl, J.M. and Sreenivas, V. (2002):** Triage scoring system for severity of illness. *Delhi*: 1-7.
- Lacroix, J.; Cotting, J. (2005):** Severity of illness and organ dysfunction scoring in children. *Pediatr Crit Care Med*. 6 (3 suppl): S 126-S134.
- Le Gall, J.R.; Klar, J.; Lemeshow, S.; et al., (1996) :** The Logistic Organ Dysfunction system: A new way to assess organ dysfunction in the intensive care unit. *JAMA*; 276: 802-810.
- Leclerc, F.; Leteurtre, S.; Duhamel, A. et al.(2005):** Cumulative influence of organ dysfunctions and septic state on mortality of critically ill children. *Am J Respir Crit Care Med*; 171: 348-353.



References

- Leipzig, B.; Oski, F.A.; Cummings, C.W.; Stockman, J.A. and Swender, P. A. (1979):** Prospective randomized study to determine the efficacy of steroids in treatment of croup. J Pediatr. 94: 194-196.
- Lemeshow S.; Teres, D.; Klar, J.; Avrunin, J.S.; Gehlbach, S.H. and Rapoport, J. (1993):** Mortality probability models (MPM II) based on an international cohort of intensive care unit patients. JAMA. 270:2478-2486.
- León, R.; Tantaleán, J. and Santos, A. (2001):** Uso del PRISM en una Unidad de Cuidados Intensivos Pediátrica. Intensivos 3: 22-27.
- Leteurtre, S.; Martinot, A.; Duamel, A. et al., (1999):** Development of a pediatric multiple organ dysfunction score: Use of two strategies. Med Decis Making 1999; 19: 399-410.
- Leteurtre S., Martinot A.; Duhamel A.; et al., (2003):** Validation of the pediatric logistic organ dysfunction (PELOD) score: cross sectional, observational, multicentre study, Lancet; 262; 192-197.
- Lima, A. and bakker, J.(2005):** Noninvasive monitoring of peripheral perfusion. Intensive Care Med. Oct; 31 (10): 1316-1326.
- Marcin, J.P. and Pollack, M.M. (2007):** Review of the A city Scoring systems for the pediatric Intensive care unit their use in quality improvement. J Intensive Care Med. 22: 131-140.



References

- Marshall, J.C.; Cook, D.J.; Christou, N.V. et al.; (1995):** Multiple organ dysfunction score: A reliable descriptor of a complex clinical outcome. Crit Care Med; 23: 1638-1652.
- Marshall, J.C. (1999):** Charting the course of critical illness: prognostication and outcome description in intensive care unit. Crit Care Med; 27: 676-678.
- Marshall, J.C.; Vincent, J.L.; Fink, M.P. et al.; (2003):** Measures, markers and mediators: Toward a staging system for clinical sepsis. A report of the Fifth Toronto Sepsis Roundtable. Crit Care Med; 31: 1560-1567.
- Marshall WG, Jr, Dimick AR.(1983):** The natural history of major burns with multiple subsystem failure. J Trauma. Feb;23(2):102–105. [PubMed]
- Martha, V.F.; Garda, P.C.R.; Piva, J.P.; Einloft, P.R.; Bruno, F. and Rampon, V. (2005):** Comparison of two prognostic scores (PRISM and PIM) at a pediatric intensive care unit. J Pediatr (Rio J). 81: 259-64
- Martín-Ancel, A.; García, A.; Gallá, F. et al., (1995):** Multiple organ involvement in perinatal asphyxia. J Pediatr 127: 786-793.
- Martin, M.; Brown, C.; bayard, D.; Demetriades, D.; Salim, A.; Gertz, R.; Azarow, K.; Wo, C.C. and Shoemaker, W.(2005):** Continuous noninvasive monitoring of cardiac performance and tissue perfusion in pediatric trauma patients. J Pediatr Surg. Dec; 40 (12): 1957-1963.



References

- Martin, M.J.(2007):** Monitoring the critically ill or injured child. J Trauma. Jun; 62 (6 Suppl): S84.
- Mathers, L.H. & Frankel, L.R. (2004):** Stabilization of critically ill child. Nelson textbook of pediatrics. 17: 279-286.
- Matsuda N, Hattori Y (2006).** "Systemic inflammatory response syndrome (SIRS): molecular pathophysiology and gene therapy". J. Pharmacol. Sci. 101 (3): 189–98. doi:10.1254/jphs.CRJ06010X. PMID 16823257.
- McCartney AC, Banks JG, Clements GB, Sleigh JD, Tehrani M,(1983): Ledingham IM.** Endotoxaemia in septic shock: clinical and post mortem correlations. Intensive Care Med. 1983; 9 (3): 117–122. [PubMed]
- McCord JM.(1985):** Oxygen-derived free radicals in postischemic tissue injury. N Engl J Med. Jan 17;312(3):159–163. [PubMed]
- McCord JM.(1987):** Oxygen-derived radicals: a link between reperfusion injury and inflammation. Fed Proc. May 15;46(7):2402–2406. [PubMed]
- McDonald WS, Sharp CW, Jr, Deitch EA.(1991):** Immediate enteral feeding in burn patients is safe and effective. Ann Surg. Feb;213(2):177–183. [PMC free article] [PubMed]
- Metta, D.; Soebardja, D. and Hudaya, D. (2006):** The use of pediatric logistic organ dysfunction (PELOD) scoring system to determine the prognosis of patients in pediatric intensive care units. Pediatrician indonesia; 46: 1-6.



References

- Michie HR, Manogue KR, Spriggs DR, Revhaug A, O'Dwyer S, Dinarello CA, Cerami A, Wolff SM, Wilmore DW.(1988):** Detection of circulating tumor necrosis factor after endotoxin administration. *N Engl J Med.* Jun 9;318(23):1481–1486. [PubMed]
- Michie HR, Spriggs DR, Manogue KR, Sherman ML, Revhaug A, O'Dwyer ST, Arthur K, Dinarello CA, Cerami A, Wolff SM, et al.(1988):** Tumor necrosis factor and endotoxin induce similar metabolic responses in human beings. *Surgery.* Aug;104(2):280–286. [PubMed]
- Molyneux, M.E.; Taylor, T.E.; Wirima, J.J. and Borgstein, A. (1989):** Clinical features and prognostic indicators in pediatric cerebral malaria: a study of 131 camato & Malawian children. *QJ Med;* 71: 441-59.
- Montgomery AB, Stager MA, Carrico CJ, Hudson LD.(1985):** Causes of mortality in patients with the adult respiratory distress syndrome. *Am Rev Respir Dis.* Sep;132(3):485–489.[PubMed]
- Moore FA, Moore EE, Jones TN, McCroskey BL, Peterson VM.(1989):** TEN versus TPN following major abdominal trauma--reduced septic morbidity. *J Trauma.* Jul;29(7):916–923.[PubMed]
- Moore FA, Moore EE, Poggetti R, McAnena OJ, Peterson VM, Abernathy CM, Parsons PE. (1988)** Gut bacterial translocation via the portal vein: a clinical perspective with



major torso trauma. J Trauma. May;31(5):629–638. [PubMed]

Moore FD, Jr, Moss NA, Revhaug A, Wilmore D, Mannick JA, Rodrick ML.(1987): A single dose of endotoxin activates neutrophils without activating complement. Surgery. Aug;102(2):200–205. [PubMed]

Moreno, R.; Vincent, J.L.; Matos, R.; et al., (1999): Working Group on Sepsis related Problems of the MSICM. The use of maximum SOFA score to quantify organ dysfunction/ failure in intensive care: results of a prospective, multicentre study. Intensive Care Med; 25: 686-96.

Morrison DC, Ryan JL.(1987): Endotoxins and disease mechanisms. Annu Rev Med. ;38:417–432. [PubMed]

Newton, C.R.; Pasvol, G.; Winstanley, P.A. and Warrell, D.A. (1990): Cerebral malaria: what is unarousable coma? Lancet; 335: 472.

Nguyen, T.; Hall, M.; Han, Y. et al.;(2001): Microvascular thrombosis in pediatric multiple organ failure: Is it a therapeutic target? Pediatr Crit Care Med ; 2: 187-196.

Nijsten MW, Hack CE, Helle M, ten Duis HJ, Klasen HJ, Aarden LA.(1991): Interleukin-6 and its relation to the humoral immune response and clinical parameters in burned patients.Surgery. Jun;109(6):761–767. [PubMed]



References

- Norton LW.(1985):** Does drainage of intraabdominal pus reverse multiple organ failure? Am J Surg. Mar;149(3):347–350. [PubMed]
- Nuytinck HK, Offermans XJ, Kubat K, Goris JA.(1988):** Whole-body inflammation in trauma patients. An autopsy study. Arch Surg. Dec;123(12):1519–1524. [PubMed]
- Osborn L.(1990):** Leukocyte adhesion to endothelium in inflammation. Cell. Jul 13;62(1):3–6.[PubMed]
- Osler, T.M.; Rogers, F.B.; Badger, G.J.; Healey, M.; Vane, D.W. and Shackford, S.R. (2005):** A simple mathematical modification of TRISS markedly improves calibration. Trauma, 53: 630-634.
- Petrie A. and Sabin C. (2005):** "Medical Statistics at a Glance". 2nd ed., Blackwell Publishing.
- Pober JS.(1988):** Warner-Lambert/Parke-Davis award lecture. Cytokine-mediated activation of vascular endothelium. Physiology and pathology. Am J Pathol. 1988 Dec;133(3):426–433.[PMC free article] [PubMed]
- Polk HC, Jr, Shields CL.(1977):** Remote organ failure: a valid sign of occult intra-abdominal infection.Surgery. Mar;81 (3):310–313. [PubMed]
- Pollack, M.M.; Patel, K.M. and Ruttimann, U.E. (1996):** PRISM III: An updated pediatric risk of mortality score. Crit Care Med 1996; 24: 743-752.



References

- Pollack, M.M.; Ruttiman, U.E.; et al., (1997):** The pediatric Risk of Mortality III- Acute physiology score (PRISM III-APS): A method of assessing physiologic instability for pediatric intensive care unit patient. *J pediatr*; 131: 575-581.
- Pollack, M.M.; Ruttimann, U.E. and Getson, P.R. (1988):** Pediatric risk of mortality (PRISM) score. *Crit Care Med* 16: 1110-1116.
- Pollack, M.M.; Ruttimann, U.E. and Wiley, J.S.(1985):** Nutritional depletions in critically ill children: associations with physiologic instability and increased quantity of care. *JPEN J Parenter Enteral Nutr* 1985; 9: 309- 313.
- Proulx, F.; Boeuf, B. and Lacroix, J.(1997):** Pediatric multiple organ dysfunction syndrome. *Intensive Care World* 14: 79-82.
- Proulx, F.; Fayon, M.; Farrel, C. et al.; (1996):** Epidemiology of sepsis and multiple organ dysfunction syndrome in children. *Chest* 109: 1033-1037.
- Proulx, F.; Gauthier, M.; Nadeau, D. et al.; (1994):** Timing and predictors of death in pediatric patients with multiple organ system failure. *Crit Care Med*; 22: 1025-1031.
- Qureshi, A.U.; Ali, A.S. and Ahmad, T.M. (2007):** Comparison of three prognostic scores (PRISM, PELOD and PIM2) at pediatric intensive care unit under Pakistani circumstances. *J Ayub Med Coll Abbotlabad*; 19 (2): 49-53.



References

- Randolph, A.G.; Gonzales, C.A.; Cortellini, L. and Yeh, T.S.(2004):** Growth of pediatric intensive care units in the United States from 1995 to 2001. *J Pediatr*, 144: 792-798.
- Rapoport, J. (1993):** Mortality, Probability Models (MPM II) based on an international cohort of intensive care unit patients. *JAMA*. 270: 2478-2486.
- Revhaug A, Michie HR, Manson JM, Watters JM, Dinarello CA, Wolff SM, Wilmore DW.(1988):** Inhibition of cyclo-oxygenase attenuates the metabolic response to endotoxin in humans.*Arch Surg*. Feb;123(2):162–170. [PubMed]
- Richardson, D.K.; Gray, J.E.; McCormick, M.C. et al. (1993):** Score for Neonatal Acute Physiology: A physiologic severity index for neonatal intensive care. *Pediatrics*; 91: 617-623.
- Riordan, F.A.; Marzouk, O.; Thomson, A.P. et al.; (2002):** Prospective validation of the galsgow Meningococcal Septicaemia Prognostic Score: Comparison with other scoring methods. *Eur J Pediatr*; 161: 531-537.
- Rush BF, Jr, Sori AJ, Murphy TF, Smith S, Flanagan JJ, Jr, Machiedo GW. (1988)** Endotoxemia and bacteremia during hemorrhagic shock. The link between trauma and sepsis? *Ann Surg*. May;207(5):549–554. [PMC free article] [PubMed]
- Rush BF.(1989):** Jr Irreversibility in hemorrhagic shock is caused by sepsis. *Am Surg*. Apr;55(4):204–208. [PubMed]



References

Schneider, D.T.; Cho, J.; Laws, H.J.; et al(2002): Serial evaluation of the oncological pediatric risk of mortality (O-PRISM) score following allogeneic bone marrow transplantation in children. Bone Marrow Transplant; 29: 383-389.

Schneider, D.T.; Lemburg, P.; Sprock, I. et al.; (2000):: Introduction of the oncological pediatric risk of mortality score (O-PRISM) for ICU support following stem cell transplantation in children. Bone marrow Transplant; 25: 1079-1086.

Seibel R, LaDuca J, Hassett JM, Babikian G, Mills B, Border DO, Border JR.(1985): Blunt multiple trauma (ISS 36), femur traction, and the pulmonary failure-septic state. Ann Surg. Sep;202(3):283–295. [PMC free article] [PubMed]

Selberg, O. and Sel, S.(2001): The adjunctive value of routine biochemistry in nutritional assessment of hospitalized patients. Clin Nutr; 20: 477-485.

Seneff, M. and Knaus, W.A. (1990): Predicting patient outcome from intensive care: a guide to APACHE, MPEM, SAPS, PRISM, and other prognostic scoring systems. J intensive Care Med; 5:33-52.

Shann, F.; Pearson, G.; Slater, A. et al.; (1997): Pediatric index of mortality (PIM): a mortality prediction model for children in intensive care. Intensive Care Med; 23: 201-207.

Shenep JL, Flynn PM, Barrett FF, Stidham GL, Westenkirchner DF.(1988): Serial quantitation of endotoxemia and



References

bacteremia during therapy for gram-negative bacterial sepsis. *J Infect Dis.* Mar;157(3):565–568. [PubMed]

Shoemaker WC, Appel PL, Kram HB, Waxman K, Lee TS. (1988)Prospective trial of supranormal values of survivors as therapeutic goals in high-risk surgical patients. *Chest.* Dec;94(6):1176–1186. [PubMed]

Shoemaker WC, Kram HB, Appel PL, Fleming AW.(1990): The efficacy of central venous and pulmonary artery catheters and therapy based upon them in reducing mortality and morbidity.*Arch Surg.* Oct;125(10):1332–1338. [PubMed]

Sibbald WJ, Marshall J, Christou N, Girotti M, McCormack D, Rostein O, Martin C, Meakins J. (1991): "Sepsis"--clarity of existing terminology ... or more confusion? *Crit Care Med.* Aug;19(8):996–998. [PubMed]

Sibbald, W.J.; and Bion, J. (2001): Evaluating Critical care: Using Health services Research to improve Quality. New York: Springer; 16: 160-178.

Slater, A. and Shann, F. (2004): The suitability of PIM, PIM2, PRISM and PRISM III for monitoring the quality of pediatric intensive care in Australia and New Zealand: For the ANZICS Pediatric Study Group. *Pediatr Crit Care Med* 5: 447-454.

Sprung CL.(1991): Definitions of sepsis--have we reached a consensus? *Crit Care Med.* Jul;19(7):849–851. [PubMed]



References

- Starmark, J.E. and Stalh ammar, D. and Homgren, E. (1988):** The Readition level scale (RLS5). Manual and guideline, Acta Neurobir (wien); 91: 12-20.
- Steinhorn, D. and Cerra, F. (1998):** Multiple organ dysfunction syndrome: Pediatric Critical Care. Second edition. Fuhrman B, Zimmerman J 9Eds). St. Louis, Mosby Year Book, pp 955-965.
- Stormorken, A. & Powell, K.R. (2004):** Sepsis and shock: Nelson textbook of pediatrics. 17: 849-847.
- Tantaleán, J.; León, R.; Santos, A.; Sánchez, E. et al.; (2003):** Multiple organ dysfunction syndrome in children. Pediatr Crit Care Med; 4: 181-185.
- Tatman, A.; Warren, A.; Williams, S.A.; Powell, J.E. and Whitehouse, W. (1997):** Development of a modified pediatric coma scale in intensive care practice. A rcb dischild; 77: 519-21.
- Thukral, A.; Kohli, V.; Lodha, R.; Kabra, S.K. and Arora N.K. (2007):** Validation of the PELOD score for multiple organ dysfunction in children. Indian pediatrics ; 44: 683-686.
- Tilney NL, Bailey GL, Morgan AP.(1973):** Sequential system failure after rupture of abdominal aortic aneurysms: an unsolved problem in postoperative care. Ann Surg. 1973 Aug;178(2):117–122.[PMC free article] [PubMed]



References

- Timmons, O.D.; Havens, P.I. and Fackler, J.C. (1995):** Predicting death in pediatric Critical care study Group: extracorporeal life support organization. *Obest.* 108: 787-797.
- Tobias, J.D.; Connors, D.; Strauser, L. et al.; (2000):** Continuous pH and Pco₂ monitoring during respiratory failure in children with the Paratrend 7 inserted into the peripheral venous system. *J Pediatr*; 136: 623-7.
- Tracey KJ, Fong Y, Hesse DG, Manogue KR, Lee AT, Kuo GC, Lowry SF, Cerami A.(1990):** Anti-cachectin/TNF monoclonal antibodies prevent septic shock during lethal bacteraemia.*Nature.* 330(6149):662–664. [PubMed]
- Umpierrez, G.E.; Isaacs, S.D.; Bazargan, N.; You, X.; Thaler, L.M. and Kitabchi, A.E.(2002):** Hyperglycemia: an independent marker of in-hospital mortality in patients with undiagnosed diabetes. *J Clin Endocrinol Metab* 87: 978-982.
- Van der Kaay, D.C.; De Kleijn, E.D.; De Rijke, Y.B, et al.; (2002):** Procalcitonin as a prognostic marker in meningococcal disease. *Intensive Care Med* 28: 1606-1612.
- Van Keulen, J.G.; Gemke, R. and Polderman, K.H. (2005):** Effect of training and strict guidelines on the reliability of risk adjustment systems in paediatric intensive care. *Intensive care Med.* 31: 1229-1234.
- Van Keulen, J.G.; Polderman, K.H.; Gemke, R.J. (2005):** Reliability of PRISM and PIM scores in pediatric intensive care. *Arch Dis Cbild.* 90: 211-214.



References

- Vincent, J.L.; Moreno, R.; Takala, J. et al.; (1996):** the SOFA (Sepsis-related Organ Failure Assessment) score to describe organ dysfunction/ failure. *Intensive Care med* 22: 707-710.
- Watters JM, Bessey PQ, Dinarello CA, Wolff SM, Wilmore DW.(1986):**Both inflammatory and endocrine mediators stimulate host responses to sepsis. *Arch Surg.* Feb;121(2):179–190. [PubMed]
- West MA, Keller GA, Cerra FB, Simmons RL.(1985):** Killed *Escherichia coli* stimulates macrophage-mediated alterations in hepatocellular function during in vitro coculture: a mechanism of altered liver function in sepsis. *Infect Immun.* Sep;49(3):563–570. [PMC free article][PubMed]
- Wilkinson, J.; Pollack, M.; Glass, N. et al.; (1987):** Mortality associated with multiple organ system failure and sepsis in pediatric intensive care unit. *J Pediatr* 111: 324-328.
- Wilkinson, J.; Pollack, M.; Ruttimann, U. et al.; (1986):** Outcome of Pediatric patients with multiple organ system failure. *Crit Care Med*; 14: 271-274.
- Wilmore DW, Smith RJ, O'Dwyer ST, Jacobs DO, Ziegler TR, Wang XD.(1988):** The gut: a central organ after surgical stress. *Surgery.* Nov;104(5):917–923. [PubMed]
- Wilmore DW.(1991):** Catabolic illness. Strategies for enhancing recovery. *N Engl J Med.* Sep 5;325(10):695–702. [PubMed]



- Wolf YG, Cotev S, Perel A, Manny J.(1987):** Dependence of oxygen consumption on cardiac output in sepsis. Crit Care Med. Mar;15(3):198–203. [PubMed]
- Ziegler EJ, Fisher CJ, Jr, Sprung CL, Straube RC, Sadoff JC, Foulke GE, Wortel CH, Fink MP, Dellinger RP, Teng NN, et al.(1991):** Treatment of gram-negative bacteremia and septic shock with HA-1A human monoclonal antibody against endotoxin. A randomized, double-blind, placebo-controlled trial. The HA-1A Sepsis Study Group. N Engl J Med. Feb 14;324(7):429–436.[PubMed]
- Ziegler TR, Smith RJ, O'Dwyer ST, Demling RH, Wilmore DW. (1988)** Increased intestinal permeability associated with infection in burn patients. Arch Surg. Nov; 123 (11) : 1313–1319. [PubMed]
- Zimmerman, J.E.; Kramer, A.A.; McNair, D.S. and Malila, F.M. (2006):** Acute physiology and chronic Health evaluation (APACHE) IV: hospital mortality assessment for today's critically ill patients. Crit Care Med. 34: 1297-1310.
- Zygun, D.; Kortbeek, J.B.; Fick, G.H. et al.; (2005):** Non-neurological organ dysfunction in severe traumatic brain injury. Crit Care Med; 33: 654-660.